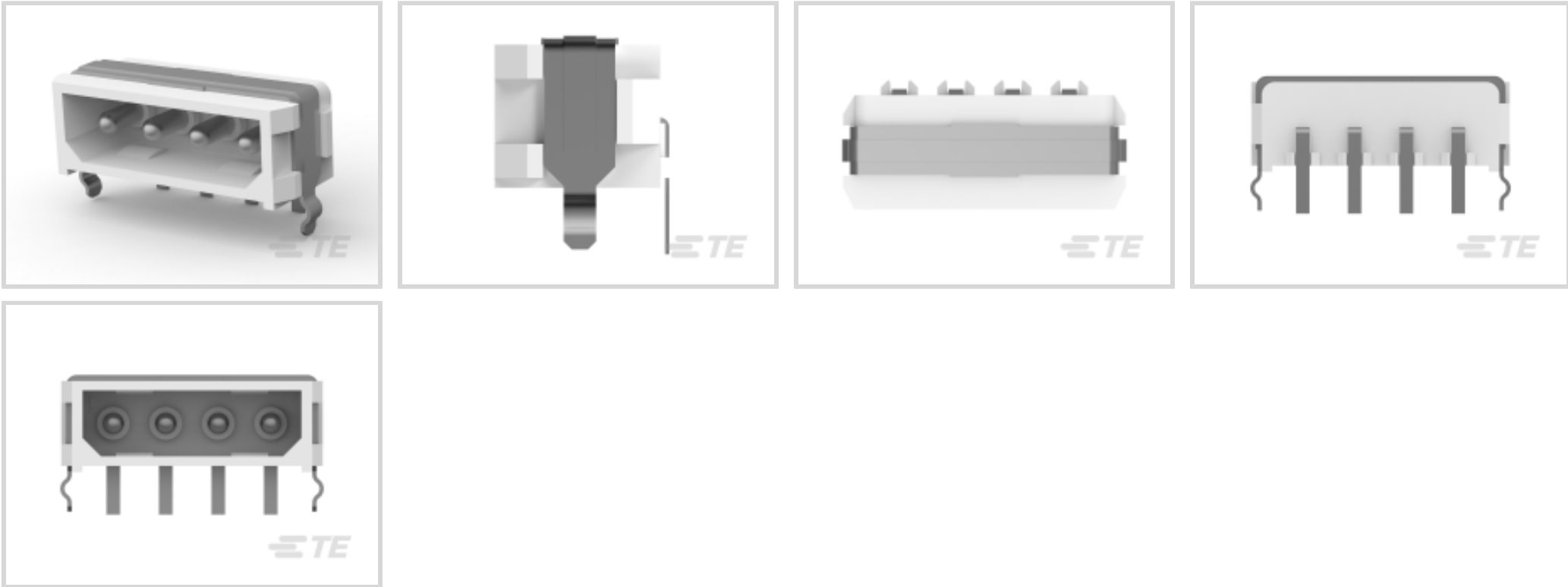




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Header**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Board**

Number of Positions: **4**

Centerline (Pitch): **5.08 mm [.2 in]**

Features

Product Type Features

Header Type	Fully Shrouded
Rectangular Power Connector Type	Header
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	4
PCB Mount Orientation	Right Angle
Number of Power Positions	4
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features



Contact Layout	Inline
Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	10 A
Contact Retention Within Housing	Without
Contact Type	Pin
PCB Contact Termination Area Plating Material	Tin

Termination Features

Termination Post & Tail Length	4.1 mm[.161 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Alignment Type	Polarization
Mating Retention	With
Mating Alignment	With
PCB Mount Retention	With
PCB Mount Retention Type	Fixed Belt
Mating Retention Type	Detent Lock
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	5.08 mm[.2 in]
Housing Color	Natural
Housing Material	Nylon 66

Dimensions

Connector Height	10.75 mm
PCB Thickness (Recommended)	.06 mm[1.6 in]
Product Width	11.5 mm
Product Length	25.3 mm

Usage Conditions

Operating Temperature Range	-20 – 105 °C[-4 – 221 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

CSA Rating	LR 7189A
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UL Rating	Certified, Recognized
Compatible With Agency/Standards Products	CSA, UL
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-2
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	200
Packaging Method	Bag

Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # 770156-5
04P CMNL IDC PLUG 16 AWG BLU V

TE Part # 794287-1
04P CMNL HDR ASSY BLK HT

TE Part # 770156-3
4P CMNL IDC PLUG 18AWG ORG V2

TE Part # 1-480424-0
04P CMNL PLUG HSG F/H NATL

TE Part # 770997-1
04P CMNL SOK HDR ASSY

TE Part # 1-480424-9
04P CMNL PLUG HSG F/H BLK

TE Part # 770156-4
4P CMNL IDC PLUG 20AWG YEL V2

TE Part # 172349-1
4P C-M-N-L HEADER ASSY H

TE Part # 770156-2
4P CMNL IDC PLUG 22AWG RED V2

Also in the Series | Commercial MATE-N-LOK

Connector Caps & Covers(2)

Connector Contacts(150)

Connector Seals & Cavity Plugs(1)

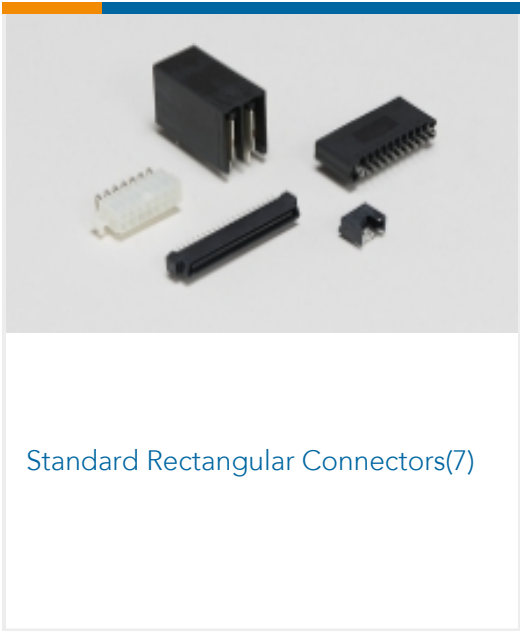
Crimp Wire Pins, Tabs & Ferrules(2)

Insertion & Extraction Tools(3)

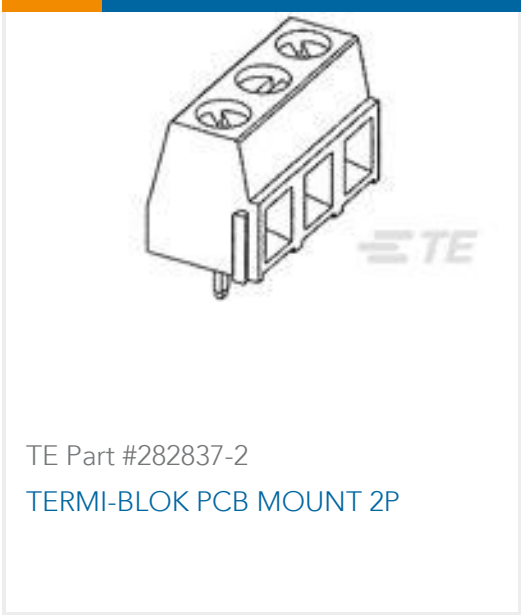
Rectangular Connector Housings(9)

Rectangular Power Connectors(166)

Standard Circular Connectors(2)



Customers Also Bought



Documents

Product Drawings
4P C-MNL PIN HDR R/A
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_174552-1_C.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_174552-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_174552-1_C.3d_stp.zip](#)

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Customer View Model

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Customer View Model

[ENG_CVM_174552-1_E.3d_stp.zip](#)

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